FORM PTO (REV 10-20									
TRANSMITTAL LETTER TO THE UNITED STATES		0054-0289PUS1							
	DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLEADNIO TENTOS (983)							
CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED									
INTERN	PCT/JP2003/001802 19 February 2003	19 February 2003							
TITLE OF INVENTION LASER DETECTION AND RANGING APPARATUS									
APPLICANT(S) FOR DO/EO/US Shumpei KAMEYAMA and Yoshihito HIRANO									
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:									
1. x This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.									
2.	2. This is a SECOND or SUBSEQUENT submission of items concerning a filing 35 U.S.C. 371.								
3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.									
4. x	x The US has been elected (Article 31).								
5. x	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))								
a.	is attached hereto (required only if not communicated by the International Bureau).								
Ъ.	x has been communicated by the International Bureau. WO 2004/074867 A1								
c.	is not required, as the application was filed in the United States Receiving Office (RO/US).								
6. x	An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).								
a.	a. x is attached hereto.								
Ъ.	has been previously submitted under 35 U.S.C. 154(d)(4).								
7. x	Amendments to the claims of the International Application under PCT Ar	ticle 19 (35 U.S.C. 371 (c)(3))							
a.	are attached hereto (required only if not communicated by the Interna	tional Bureau).							
b.	have been communicated by the International Bureau.								
c.	have not been made; however, the time limit for making such amendments has NOT expired.								
d.	x have not been made and will not be made.								
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).								
9. x	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).								
10.	An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).								
Items 11	to 20 below concern document(s) or information included:								
11. x	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.								
12. x	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13.	A preliminary amendment.								
. 14.	An Application Data Sheet under 37 CFR 1.76.								
15.	A substitute specification.								
16.	A power of attorney and/or change of address letter.								
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.								
18.	A second copy of the published international application under 35 U.S.C. 154(d)(4).								
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).								
20. x	Other items or information: PCT/ISA/210; PCT/IB/308; Two (2) sheets of Formal Drawings.								

DT05 Rec'd PCT/PT0 1 3 OCT 2004

1.001/15/10.0kg	0, 637 R 1.5)	INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER					
	ng fees are submitted:	PCT/JP2003/001802		0054-0289PUS1 CALCULATIONS PTO USE ONLY					
	<u>C</u>	ALCULATIONS P	TO USE ONLY						
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) – (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO									
x International prelimi USPTO but Internat									
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$790.00									
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$750.00									
International prelimi									
ENTER	\$	950.00							
Surcharge of \$130.00 for from the earliest claimed	\$								
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE						
Total claims	3-20 =	0	x	\$_	0.00				
Independent claims	1-3 =	0	х	\$_	0.00				
MULTIPLE DEPENDE			+	\$	050.00				
Annligant alaima a		L OF ABOVE CALCUTED A		\$	950.00				
are reduced by ½.	man entity status. See .	57 CFR 1.27. The lees	indicated above	\$					
		S	UBTOTAL =	\$	950.00				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).									
		TOTAL NATIO	ONAL FEE =	\$	950.00				
Fee for recording the end- be accompanied by an app	\$	40.00							
	\$	990.00							
					Amount to be refunded:	\$			
					charged:	\$			
a. X A check in the amount of \$ 990.00 to cover the above fees is enclosed.									
b. Please charge my Deposit Account No. in the amount of \$									
to cover the above fees. A duplicate copy of this sheet is enclosed.									
c. x The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448 . A duplicate copy of this sheet is enclosed.									
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card									
information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.									
(3/ CFK 1.13/ (a) or (b)) must be med and g	granted to restore the	apiacalion to per	"(")	g status.				
SEND ALL CORRESPONDENCE TO:									
SIGNATURE: D. Richard Anderson									
	1 (1)	Mara Anderson							
CUSTOMER NUMBER: 02292					40,439				
October 13, 2004 REGISTRATION NUMBER DRA/nl									